

OBJECT TYPE-DECLARATION PREFIX SYNTAX

ABSTRACT OF THE INVENTION

A programming language syntax that embeds object type
5 declaration in the object name. The objects are self-
documenting because its object type is embedded in each
object. In one embodiment, the object type-declaration
prefix precedes the object name and explicitly declares the
object type information. For example, a SQL object
10 FirstName, may be implemented as SQL@FirstName, a URL
object may be implemented as URL@FirstName, environment
object from an environment table may be implemented as
ENV@user.